



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM/SUPERFUND SECTION

Desk Top Review
Decision Form

Site: Springfield - Branson
ID: MOD00704766
Date: 1.0
Order: 3-15-2004
gmr

Site Name: Springfield - Branson Regional Airport

EPA ID No.:

Alias: Municipal Airport

Address/Location: 5000 W. Kearney Street

City/Location: Springfield County: Greene State: MO Zip Code: 65803-9573

Site Referred By: MDNR

Any Previous Private, State, or Federal Investigations or Assessments?

Yes ☒ No ☐ If yes, explain (what type of investigation, date, recommendations and current status):

In 1991 a contractor reported a gasoline odor while removing two 1,000-gallon tanks. Remediation is ongoing. In 2001 a truck hauling 5,000 gallons of jet fuel turned over. The spill was estimated to be less than 100 gallons released and the Southwest Regional Office was responsible for oversight of the cleanup.

DECISION:

☐ 1. Proceed with a Pre-CERCLIS Site Screening to determine CERCLA and /or state eligibility.

☒ 2. Site CERCLA eligible, proceed with site discovery and further assessment under CERCLA:

2a. Qualifier: ☐ High ☒ Medium ☐ Low

2b. Activity Type: ☒ PA ☒ SI ☐ RA ☐ ESI

☐ Other: _____

☐ 3. Site deferred or being addressed under another state or federal program:

☐ 4. No Further Assessment Required (NFAR)

40229763



SUPERFUND RECORDS

DISCUSSION / RATIONALE:

In 1991 while removing 2 1,000-gallon underground storage tanks (one containing diesel, one gasoline) from the airport, the contractor noticed a gasoline odor. Due to excessive hydrocarbon contamination of the groundwater, MDNR required remediation of the site. As part of the remediation, 25 groundwater monitoring wells have been installed on airport property over the past 23 years, some were installed to replace monitoring wells that were destroyed or damaged by routine airport activities and expansions.

A February 22, 1995 sampling event conducted by the airport found six inches of a dense non-aqueous phase liquid (DNAPL) in groundwater Monitoring Well 20 (MW-20). The DNAPL was determined to be Trichloroethene (TCE). The same sampling event also found TCE present in MW-13 (1520 ppb) and MW-18 (8 ppb). In the narrative of the sampling report, it was suspected the TCE contamination was from the Litton System, Inc. facility (MOD007152903, a.k.a. Litton Integrated Circuit Manufacturing Facility) that is located immediately east of the monitoring wells, as the airport history has no mention of using TCE containing products. Subsequent sampling events in March 1997 and December 2001 found TCE present in MW-7 (11 ppb, 6.6 ppb), MW-13 (1087 ppb, 1920 ppb) and MW-19 (3 ppb, a new well sampled in 2001 only). During subsequent sampling events the airport has not analyzed groundwater samples for the presence of TCE.

MDNR's Remedial Project Unit is currently overseeing remedial clean-up activities at the Litton Industries site, located less than 100 feet east of the Springfield-Branson Regional Airport east property boundary. TCE was found in numerous groundwater samples within a 3.5 mile radius of the Litton site. During investigations, other potential sources of TCE releases were identified within the area. As the groundwater samples showing TCE presence are not entirely attributable to



Ronald
King/SUPR/R7/USEPA/US
10/26/2004 09:20 AM

To Julie Ann Warren
cc Jamie Bernard-Drakey, Shelly Jackson
bcc
Subject Springfield-Branson Regional Airport, Springfield, MO

Julie Ann,

Reference is made to the MDNR/EPA coordination meeting held June 23, 2004.

In this coordination meeting you gave me twenty-one DTRs completed for PA/SI FY 2004. The question you posed was whether these by themselves were acceptable as a pre-CERCLIS screening assessment. I agreed to look them over and get back with you.

For the Springfield-Branson Regional Airport, Springfield, MO Desk Top Review Decision Form prepared by Shelly Jackson, the decision was to enter the site into CERCLIS and conduct a combine PA/SI.

We agree with your decision. Would you like us to fill out the Discovery Form and enter into CERCLIS or would you prefer to complete the Discovery Form.

Please let me know.

Ron King
Room 4203
EPA - SUPR/EFLR
901 N. 5th Street
Kansas City, KS 66101

Telephone No. 913-551-7568
Fax No. 913-551-9568
Email Address: king.ronald@epa.gov



Shelly Jackson
<shelly.jackson@dnr.mo.gov>

10/27/2004 01:03 PM

To: Ronald King/SUPR/R7/USEPA/US@EPA
cc: Jamie Bernard-Drakey/SUPR/R7/USEPA/US@EPA,
julieann.warren@dnr.mo.gov
bcc:
Subject: Re: Springfield-Branson Regional Airport, Springfield, MO

Ron,

Julie is out of the office for the week so I'm responding to your email in her place. Please proceed with filling out the Discovery Form and CERCLIS entry. We will begin the PA/SI investigation in the near future.

Thank you!

Shelly Jackson
Site Assessment Unit
573-751-1288

King.Ronald@epamail.epa.gov

10/26/2004 09:28 AM

To: julieann.warren@dnr.mo.gov
cc: Bernard-Drakey.Jamie@epamail.epa.gov, shelly.jackson@dnr.mo.gov
Subject: Springfield-Branson Regional Airport, Springfield, MO

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Room 4203
EPA - SUPR/EFLR
901 N. 5th Street
Kansas City, KS 66101



Ronald
King/SUPR/R7/USEPA/US
11/05/2004 11:08 AM

To Shelly Jackson <shelly.jackson@dnr.mo.gov>
cc
bcc
Subject Re: Springfield-Branson Regional Airport, Springfield, MO

Shelly,

We will enter into CERCLIS, with a Combined PA/SI planned and state lead. I will forward to you the CERCLIS ID number after it has been generated.

Ron King
Room 4203
EPA - SUPR/EFLR
901 N. 5th Street
Kansas City, KS 66101

Telephone No. 913-551-7568
Fax No. 913-551-9568
Email Address: king.ronald@epa.gov

Shelly Jackson <shelly.jackson@dnr.mo.gov>



Shelly Jackson
<shelly.jackson@dnr.mo.gov>
>
10/27/2004 01:03 PM

To Ronald King/SUPR/R7/USEPA/US@EPA
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Subject Re: Springfield-Branson Regional Airport, Springfield, MO

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